

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/053133

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 097 907 A (FLOW GENERAL INC.) 11 January 1984 (1984-01-11) page 4, line 24 – line 38 page 14, line 13 – line 38	29, 32, 33, 36, 37
X	US 5 266 476 A (SUSSMAN MARTIN ET AL) 30 November 1993 (1993-11-30) claim 1	29-31, 33-35, 37
X	US 2001/021389 A1 (STEPHAN JAMES E ET AL) 13 September 2001 (2001-09-13) paragraph '0054!	29, 32, 33, 36, 37

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

'&' document member of the same patent family

Date of the actual completion of the international search

10 March 2005

Date of mailing of the international search report

29/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Cubas Alcaraz, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053133

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0097907	A 11-01-1984	AU EP JP	1621783 A 0097907 A2 59051788 A		05-01-1984 11-01-1984 26-03-1984
US 5266476	A 30-11-1993	IL GB JP JP JP	75554 A 2178447 A ,B 2111372 C 8029077 B 62122586 A		14-01-1993 11-02-1987 21-11-1996 27-03-1996 03-06-1987
US 2001021389	A1 13-09-2001	US AU CA EP WO	6210715 B1 6946198 A 2285430 A1 0975285 A1 9843558 A1		03-04-2001 22-10-1998 08-10-1998 02-02-2000 08-10-1998